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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
T. M.		4,922,103	05/01/90	KAWAJIRI, et al.	250	327.2	
T. M.		4,816,679	03/28/89	SUNAGAWA, et al.	250	327.2	

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes/No
		~~60-11568~~	~~06/18/85~~	JP	~~H04N~~	~~1/04~~	
T. M.		60-236354	11/25/85	JP	H04N	1/04	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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